

Noxious Weeds and Regulated Plants of Montana

Montana Field Guide

Note

These PDF versions of the Montana Field Guide are intended to assist in offline identification and field work. They are not intended to replace the live Field Guide, as that version contains more information and is updated daily.

This PDF was generated 10/22/2012

For the most up to date information of Montana species, please visit <http://FieldGuide.mt.gov>

Russian Knapweed - *Acroptilon repens*

http://FieldGuide.mt.gov/detail_PDASTD2010.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

Hoary False-alyssum - *Berteroa incana*

http://FieldGuide.mt.gov/detail_PDBRA0B010.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Annual. Stems erect, 20–75 cm, usually branched below and above. Basal leaves petiolate, oblanceolate with entire margins, soon deciduous. Stem leaves similar, sessile, erect, 1–3 cm long, reduced above. Vestiture of dense, stellate, appressed trichomes. Inflorescence a narrow, simple or compound, many-flowered raceme. Flowers white; sepals 2–3 mm long; petals 4–6 mm long. Fruit elliptic, inflated, 4–7 mm long, with stellate trichomes; mature style 1–2 mm long; pedicels 4–7 mm long; seeds 3–7 per locule (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Fields, roadsides; plains, valleys, montane (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Cheatgrass - *Bromus tectorum*

http://FieldGuide.mt.gov/detail_PMPOA151H0.aspx



Regulated Plants

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Annual bunchgrass. Stems 20–50 cm. Leaves: blades 2–4 mm wide. Inflorescence an open, often nodding panicle 2–15 cm long. Spikelets 10–17 mm long, with 3 to 6 florets. Lemmas 9–12 mm long, gradually tapered into two narrow teeth; awn straight or twisted, 12–20 mm long (Lavin in Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Roadsides, overgrazed rangeland and sagebrush steppe, and open dry understory (Lavin in Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX.)

Flowering-rush - *Butomus umbellatus*

http://FieldGuide.mt.gov/detail_PMBUT01010.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: G5

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

Habitat

Marshes, wetlands and slow-moving water along riverbanks.

Diffuse Knapweed - *Centaurea diffusa*

http://FieldGuide.mt.gov/detail_PDAST1Y060.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

Yellow Starthistle - *Centaurea solstitialis*

http://FieldGuide.mt.gov/detail_PDAST1Y0S0.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

Spotted Knapweed - *Centaurea stoebe*

http://FieldGuide.mt.gov/detail_PDAST1Y140.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Ours is subspecies micranthos, a tetraploid perennial which has been introduced across North America.

Rush Skeletonweed - *Chondrilla juncea*

http://FieldGuide.mt.gov/detail_PDAST26010.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

Canada Thistle - *Cirsium arvense*

http://FieldGuide.mt.gov/detail_PDAST2E090.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

Field Bindweed - *Convolvulus arvensis*

http://FieldGuide.mt.gov/detail_PDCON05020.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

Common Hound's-tongue - *Cynoglossum officinale*

http://FieldGuide.mt.gov/detail_PDBOR0B070.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

Scotch Broom - *Cytisus scoparius*

http://FieldGuide.mt.gov/detail_PDFAB18060.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Deciduous shrubs 1–3 m. Stems strongly angled, green. Herbage glabrous to pubescent. Leaves nearly sessile, trifoliate below, simple above; the elliptic leaflets 6–15 mm long; stipules absent. Inflorescence: 1 to 3 axillary, pedicelate flowers. Flowers papilionaceous, yellow; calyx tubular, 5–6 mm long, glabrous; sepals unequal; corolla 15–22 mm long; styles curved beyond the keel; stamens 10, 4 longer than the others. Legume linear-oblong, flattened, 25–40 mm long, ciliate on the sutures; seeds several (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Common Viper's-bugloss - *Echium vulgare*

http://FieldGuide.mt.gov/detail_PDBOR0D060.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

Russian Olive - *Elaeagnus angustifolia*

http://FieldGuide.mt.gov/detail_PDELG01010.aspx



© MTNHP - Bonnie Heidel

Number of Observations: 0

Habitat

Woodlands, thickets, riparian forests, moist meadows around wetlands, somewhat tolerant of saline soil; plains, valleys (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Regulated Plants

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Leafy Spurge - *Euphorbia esula*

http://FieldGuide.mt.gov/detail_PDEUP0Q0L0.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

Orange Hawkweed - *Hieracium aurantiacum*

http://FieldGuide.mt.gov/detail_PDAST4W090.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

Meadow Hawkweed - *Hieracium caespitosum*

http://FieldGuide.mt.gov/detail_PDAST4W0B0.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

Common St. John's-wort - *Hypericum perforatum*

http://FieldGuide.mt.gov/detail_PDCLU031A0.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Taprooted and rhizomatous. Stems 25–75 cm tall. Leaves lanceolate, 1–3 cm long, black-dotted on the margins. Flowers: sepals linear-lanceolate, 5–8 mm long; petals 8–14 mm long with black-dotted margins. Capsule 5–8 mm long with brown seeds (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Grassland, open forest, pastures, roadsides; valleys, montane (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Yellow Iris - *Iris pseudacorus*

http://FieldGuide.mt.gov/detail_PMIRI090T0.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

Dyer's Woad - *Isatis tinctoria*

http://FieldGuide.mt.gov/detail_PDBRA1K010.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Glaucous biennial with a woody, branched taproot. Stems erect, simple, 30–100 cm. Basal leaves petiolate, oblanceolate, 5–18 cm long, entire. Stem leaves lanceolate, sessile, auriculate. Vestiture hirsute with simple hair at the stem base, otherwise glabrous. Inflorescence a branched panicle, each raceme ebracteate. Flowers yellow; petals 2.5–3.5 mm long. Fruit narrowly oblong, blunt-tipped, flattened, 12–18 mm long, lacking a septum; style lacking; seed solitary; pedicel reflexed down, 6–10 mm long (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Grasslands, steppe, roadsides; valleys (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Lenspod Whitetop - *Lepidium chalepense*

http://FieldGuide.mt.gov/detail_PDBRA0L021.aspx



Noxious Weed

Global Rank: GNR
State Rank: SNA

AGENCY STATUS
USFWS:
USFS:
BLM:

Number of Observations: 0

General Description

Rhizomatous perennial. Stems erect, simple, 20–60 cm. Basal leaves oblong to oblanceolate, dentate, 3–12 cm long. Stem leaves auriculate clasping. Vestiture pubescent with simple hairs below, glabrous in the inflorescence. Flowers white; petals 3–4 mm long; stamens 6. Fruits compressed globose, glabrous, 2–5 mm long, not notched; style 1–2 mm long, pedicels 8–15 mm long, glabrous (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Fields, roadsides, streambanks; plains, valleys (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Whitetop - *Lepidium draba*

http://FieldGuide.mt.gov/detail_PDBRA0L020.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Perennial similar to *L. chalepense*. Stems 20–50 cm. Fruits glabrous, cordate at the base, broader below than above, 2–4 mm long, not notched; style 1–1.5 mm long, pedicels 5–12 mm long, glabrous (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Most abundant in irrigated fields with saline soil, roadsides; valleys (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Broad-leaf Pepper-grass - *Lepidium latifolium*

http://FieldGuide.mt.gov/detail_PDBRA1M0J0.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Glabrous, rhizomatous perennial. Stems 40–100 cm, erect, branched. Basal leaves petiolate; the blade narrowly elliptic, serrate, withered by flowering time. Stem leaves becoming sessile. Flowers white; petals 1.5–2 mm long; stamens 6. Fruit ovate, 2–3 mm long, pubescent, not notched; style =0.1 mm long; pedicels 2–5 mm long, ascending, glabrous (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Fields, pastures, roadsides; valleys (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Oxeye Daisy - *Leucanthemum vulgare*

http://FieldGuide.mt.gov/detail_PDAST5V040.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

Dalmatian Toadflax - *Linaria dalmatica*

http://FieldGuide.mt.gov/detail_PDSCR110F0.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: G5

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

Butter-and-eggs - *Linaria vulgaris*

http://FieldGuide.mt.gov/detail_PDSCR110E0.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

Purple Loosestrife - *Lythrum salicaria*

http://FieldGuide.mt.gov/detail_PDLYT090B0.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: G5

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

Eurasian Water-milfoil - *Myriophyllum spicatum*

http://FieldGuide.mt.gov/detail_PDHAL040B0.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

Japanese Knotweed - *Polygonum cuspidatum*

http://FieldGuide.mt.gov/detail_PDPGN0L0U0.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Dioecious, rhizomatous perennial. Stems erect, branched, 1–2 m. Leaves petiolate; the blades ovate, 8–20 cm long with pointed tips and a truncate base; stipules brown, glabrous, 4–6 mm long. Flowers apparently perfect but functionally unisexual, 5–7 mm long with a tubular base, numerous in stipulate, axillary panicles; pedicels spreading, 3–5 mm long; tepals white to pink. Achene shiny-brown, 2–4 mm long, 3-sided, enclosed by an inflated perianth

Habitat

Gardens, streambanks; valleys (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Giant Knotweed - *Polygonum sachalinense*

http://FieldGuide.mt.gov/detail_PDPGN0L230.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

Bohemian Knotweed - *Polygonum x bohemicum*

http://FieldGuide.mt.gov/detail_PDPGN0L3A0.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNA

State Rank: SNA

AGENCY STATUS

USFWS:

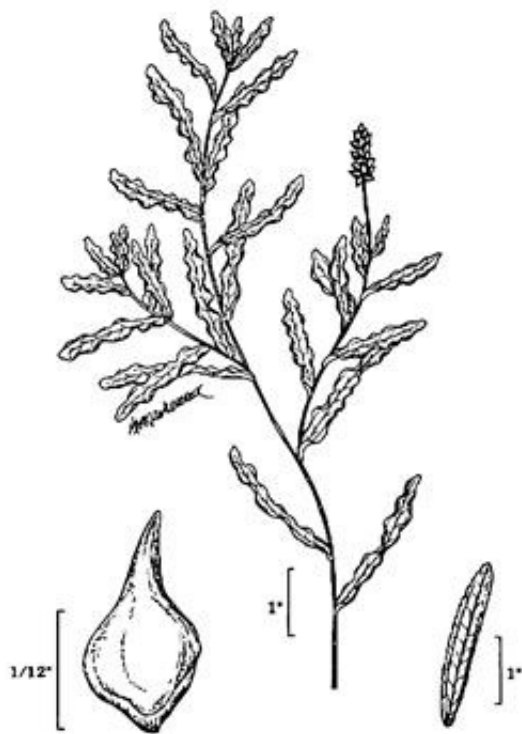
USFS:

BLM:

Number of Observations: 0

Curly Pondweed - *Potamogeton crispus*

http://FieldGuide.mt.gov/detail_PMPOT03060.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: G5

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

Sulphur Cinquefoil - *Potentilla recta*

http://FieldGuide.mt.gov/detail_PDROS1B1K0.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Perennial from a simple to branched caudex. Stems erect, hirsute to hispid, 20–50 cm. Leaf blades suborbicular, palmately divided into 5 to 7 lanceolate, dentate leaflets, 2–7 cm long, spreading hairy. Inflorescence open, flat-topped, hispid. Flowers: sepals lanceolate, strongly veined, 4–7 mm long; bracteoles similar; petals light yellow, 6–10 mm long, longer than the sepals. Achenes ridged with thickened margins, ca. 1 mm long (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

(Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX). Grasslands, meadows, pastures, disturbed forests; plains; valleys, montane

Tall Buttercup - *Ranunculus acris*

http://FieldGuide.mt.gov/detail_PDRANOL030.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: G5

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Stems 25–80 cm, erect with hirsute foliage. Basal leaf blades pentagonal, 3–6 cm long, ternate, the sessile leaflets deeply lobed into oblong, dentate segments. Flowers numerous in a diffuse inflorescence; petals 8–10 mm, twice as long as the hirsute sepals. Achenes glabrous, 2–3 mm long with a curved beak 0.5 mm long; head globose, 6–9 mm high (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Moist meadows, especially irrigated hay fields, and along roads, less abundant in wildland habitats; valleys, occasionally higher (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Tansy Ragwort - *Senecio jacobaea*

http://FieldGuide.mt.gov/detail_PDAST8H1U0.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

Salt-cedar - *Tamarix ramosissima*

http://FieldGuide.mt.gov/detail_PDTAM01080.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0

General Description

Deciduous shrubs. Stems slender, numerous from a branched caudex, 1–5 m with thin, reddish-brown bark. Leaves alternate, clasping, succulent, broadly lanceolate, scale-like, 1–2 mm long. Inflorescence spikelike, bracteate racemes 15–40 mm long. Flowers perfect, regular, hypogenous; sepals 5, separate, =1 mm long, petals separate, pink, ovate, ca. 2 mm long; stamens 5; stigmas 3 to 4. Fruit a many-seeded capsule 3–4 mm long; seeds with an apical tuft of hairs (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Habitat

Terraces, saline meadows along rivers, streams, ponds; plains (Lesica 2012. Manual of Montana Vascular Plants. BRIT Press. Fort Worth, TX).

Common Tansy - *Tanacetum vulgare*

http://FieldGuide.mt.gov/detail_PDAST92050.aspx



Noxious Weed

Exotic Species (not native to Montana)

Global Rank: GNR

State Rank: SNA

AGENCY STATUS

USFWS:

USFS:

BLM:

Number of Observations: 0
